

Amendments to the Specification:

Please amend the paragraph beginning on page 5, at line 13 as shown below:

The preferred embodiment reamer 20 is fabricated from a high strength carbide or steel that is machined from a solid piece of stock material. Of course, any tooling material is contemplated by the present invention. The body 24 is generally cylindrical and has a diameter d_b , which is greater than a diameter d_s of the shank 22. The preferred embodiment reamer 20 is utilized for reaming pre-existing holes in valve guides that are secured within a cylinder head of an automotive engine assembly. The valve guides are formed from a powdered metal alloy that is provided with a pre-existing hole that is either pre-drilled or formed therein by the powder metal compressing process. Accordingly, the length of the reamer 20 and the diameter d_b of the body 24 ~~[[is]]~~ are dictated by the specific application to perform the cutting operation to the workpiece. The preferred embodiment reamer 20 has a length of 10.7 inches and a body diameter d_b of $0.2755 +.0/- .0002$ inches. The body 24 extends axially from the shank 22 and the diameters thereof are blended in a frusto-conical region 28.

Please amend the paragraph beginning on page 7, at line 1 as shown below:

The array of straight flutes 30 and the array of helical flutes 42 ~~[[is]]~~ are arranged such that each straight flute 30 is radially spaced apart and oriented between a pair of helical flutes 42 at the body distal end 34. The spacing provides an array of straight flute cutting edges 32 and helical flute cutting edges 46 formed at the body distal end 34 such that they collectively engage a sculpture surface of the workpiece and perform the straight flute and helical flute cutting operations collectively within a region that may be intersected by a common radial plane.